

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-47 (cancelled).

Claim 48 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally via a coupling element, said coupling element encompassing at least one of said revolving transmission elements, wherein a gap is provided between at least one of said transmission elements and said coupling element, at least during operation.

Claim 49 (new).

The transmission according to Claim 48, wherein said gap is filled with a liquid.

Claim 50 (new).

The transmission according to Claim 48, wherein at least one of the revolving transmission elements and/or a coupling element being situated between said transmission elements, is wetted with a liquid which comprises methyl siloxanes, dimethyl diphenyl siloxanes, and/or methyl phenyl siloxanes having phenyl groups,

and/or alkyl-substituted γ -trifluoropropyl-substituted methyl siloxanes.

Claim 51 (new).

The transmission according to Claim 50, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid which comprises polydimethyl siloxanes, polydimethyl diphenyl siloxanes, and/or polymethyl phenyl siloxanes having phenyl groups, and/or which are alkyl-substituted γ -trifluoropropyl-substituted.

Claim 52 (new).

The transmission according to Claim 50, wherein the liquid has components having organic substituents.

Claim 53 (new).

The transmission according Claim 48, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid whose viscosity is stabilized in regard to temperature.

Claim 54 (new).

The transmission according Claim 48, wherein at least one of the revolving transmission elements and/or the coupling element is

wetted with a liquid whose viscosity changes with a temperature-dependent viscosity gradient, which lies between the viscosity gradient (80) of mineral oils and the viscosity gradients (81) of dimethyl siloxanes.

Claim 55 (new).

The transmission according Claim 48, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid whose compressibility changes with a temperature-dependent compressibility gradient, which lies between the compressibility gradient of mineral oils and the compressibility gradients of dimethyl siloxanes.

Claim 56 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally, characterized in that at least one of the revolving transmission elements and/or a coupling element being situated between said transmission elements, is wetted with a liquid which comprises methyl siloxanes, dimethyl diphenyl siloxanes, and/or methyl phenyl siloxanes having phenyl groups, and/or alkyl-substituted γ -trifluoropropyl-substituted methyl siloxanes.

Claim 57 (new).

The transmission according to of Claim 56, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid which comprises polydimethyl siloxanes, polydimethyl diphenyl siloxanes, and/or polymethyl phenyl siloxanes having phenyl groups, and/or which are alkyl-substituted γ -trifluoropropyl-substituted.

Claim 58 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid whose viscosity changes with a temperature-dependent viscosity gradient, which lies between the viscosity gradient (80) of mineral oils and the viscosity gradients (81) of dimethyl siloxanes.

Claim 59 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally, wherein at least one of the revolving transmission elements and/or the coupling element is wetted with a liquid whose compressibility changes with a temperature-dependent compressibility gradient,

which lies between the compressibility gradient of mineral oils and the compressibility gradients of dimethyl siloxanes.

Claim 60 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally via a coupling element, said coupling element being positionable at different running paths of at least one of said revolving transmission elements, wherein said running paths have different surfaces.

Claim 61 (new).

The transmission according to Claim 60, wherein grooves or projections of different widths and/or a varying surface texture and/or surface treatment are provided axially along at least one of the revolving transmission elements.

Claim 62 (new).

The transmission according to Claim 60, wherein the coupling element has at least one running surface having a textured surface, particularly at least one running surface having grooves.

Claim 63 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally via a coupling element, said coupling element being positionable at different running paths of at least one of said revolving transmission elements, wherein the coupling element has at least one running surface having a textured surface, particularly at least one running surface having grooves.

Claim 64 (new).

The transmission according to Claim 63, wherein the coupling element has at least one running surface having a cross-section deviating from a straight line, preferably having a concave and/or crowned cross-section.

Claim 65 (new).

The transmission according to Claim 63 having a continuously variable partial transmission, wherein transmission paths connected in parallel, the continuously variable partial transmission being provided in a first of the two transmission paths.

Claim 66 (new).

The transmission according to Claim 65, wherein a reverse gear, a first gear, and/or an overdrive is provided in the second of the two transmission paths.

Claim 67 (new).

The transmission according to Claim 65, wherein at least one freewheel is provided between the two transmission paths.

Claim 68 (new).

The transmission according to Claim 65, wherein the continuously variable partial transmission is positioned between two power dividers (41, 42), such as a differential gear part or a planetary gear part, at least one input of the continuously variable partial transmission being mechanically connected to at least one output of an input-side power divider and at least one output of the continuously variable partial transmission being mechanically connected to at least one input of an output-side power divider.

Claim 69 (new).

The transmission according to Claim 65, wherein at least one forward gear and at least one reverse gear are implemented by a differential gear part (23), at least one assembly of the differential gear part able to be fixed alternately with the housing and/or with another assembly of the differential gear part.

Claim 70 (new).

The transmission according to Claim 65, wherein least two transmission paths (1, 2), which may be engaged alternately via a switching gear part (3).

Claim 71 (new).

The transmission according to Claim 70, wherein the outputs of the two transmission paths are coupled in such a way that before the switching procedure from one to the other of the two transmission stages the speed of the second transmission path may be adapted by the continuously variable transmission to the speed of the first transmission path.

Claim 72 (new).

The transmission according to Claim 70, wherein the second transmission path comprises a differential gear element (23).

Claim 73 (new).

The transmission according to Claim 70, wherein third transmission path which may be engaged via a second switching gear part and/or via a freewheel.

Claim 74 (new).

The transmission according to Claim 70, wherein the switching gear part (3) couples the continuously variable partial transmission (1) to a pump wheel (21) of a Trilok converter (20) and the second transmission stage (2) is coupled to a turbine wheel (22) of the Trilok converter (20).

Claim 75 (new).

A transmission having at least a partial transmission being continuously variable and comprising at least two revolving transmission elements, which may transmit a torque frictionally wherein transmission paths connected in parallel, the continuously variable partial transmission being provided in a first of the two transmission paths.

Claim 76 (new).

The transmission according to Claim 75, wherein a reverse gear, a first gear, and/or an overdrive is provided in the second of the two transmission paths.

Claim 77 (new).

The transmission according to Claim 75, wherein at least one freewheel is provided between the two transmission paths.

Claim 78 (new).

The transmission according to Claim 75, wherein the continuously variable partial transmission is positioned between two power dividers (41, 42), such as a differential gear part or a planetary gear part, at least one input of the continuously variable partial transmission being mechanically connected to at least one output of an input-side power divider and at least one output of the continuously variable partial transmission being mechanically connected to at least one input of an output-side power divider.

Claim 79 (new).

The transmission according to Claim 75, wherein said two transmission paths (1, 2) may be engaged alternately via a switching gear part (3).

Claim 80 (new).

The transmission according to Claim 75, wherein least two transmission paths (1, 2), which may be engaged alternately via a switching gear part (3).

Claim 81 (new).

The transmission according to Claim 80, wherein the outputs of the two transmission paths are coupled in such a way that before

the switching procedure from one to the other of the two transmission stages the speed of the second transmission path may be adapted by the continuously variable transmission to the speed of the first transmission path.

Claim 82 (new).

The transmission according to Claim 80, wherein the second transmission path comprises a differential gear element (23).

Claim 83 (new).

The transmission according to Claim 80, wherein third transmission path which may be engaged via a second switching gear part and/or via a freewheel.

Claim 84 (new).

The transmission according to Claim 80, wherein the switching gear part (3) couples the continuously variable partial transmission (1) to a pump wheel (21) of a Trilok converter (20) and the second transmission stage (2) is coupled to a turbine wheel (22) of the Trilok converter (20).

Claim 85 (new).

A revolving transmission having at least two revolving transmission elements, which may transmit a torque frictionally,

said transmission comprising a input drive and a output wherein said drive and said output are coaxially positioned.

Claim 86 (new).

The transmission according to Claim 85, wherein coupling element encompassing at least one of said revolving transmission elements, being positioned between said two transmission elements, and transmitting torque between said two transmission elements frictionally.

Claim 87 (new).

The transmission according to Claim 86, wherein said coupling element is a ring.

Claim 88 (new).

The transmission according to Claim 87, wherein said ring is encompassing one of said transmission elements.

Claim 89 (new).

The transmission according to Claim 85, wherein said two transmission elements are cones.

Claim 90 (new).

The transmission according to Claim 85, wherein differential gear part (59), which is driven by an output (56) of the continuous transmission, is provided in the coaxial output (50).

Claim 91 (new).

The transmission according to Claim 85, wherein electric motor drive for a continuously variable partial transmission.

Claim 92 (new).

The transmission according to Claim 85, wherein a disengagement point, such as a startup clutch and/or a converter (Trilok converter), a friction disk arrangement, a hydraulic clutch, or a synchronization is provided on the output side.

Claim 93 (new).

The transmission according to Claim 85, wherein a disengagement point, such as a startup clutch and/or a converter (Trilok converter 20), a friction disk arrangement, a hydraulic clutch, or a synchronization (3) is provided on the drive side.

Claim 94 (new).

The transmission according to Claim 85, wherein two partial transmissions (1, 2; 101, 102) are each brought together and/or

engage with their output (26, 126; 29; 129) at a drive (27; 127) of the following transmission path (15, 115).

Claim 95 (new).

The transmission according to Claim 94, wherein the drive (127) of the following transmission path is the main differential (115) of a motor vehicle.

Claim 96 (new).

The transmission according to Claim 94, wherein each of the two partial transmissions (1, 2; 101, 102) may be engaged and/or disengaged.

Claim 97 (new).

A transmission having at least a partial transmission being continuously variable and comprising at least two revolving transmission elements, which may transmit a torque frictionally wherein two partial transmissions (1, 2; 101, 102) are each brought together and/or engage with their output (26, 126; 29; 129) at a drive (27; 127) of the following transmission path (15, 115).

Claim 98 (new).

The transmission according to Claim 97, wherein the drive (127) of the following transmission path is the main differential (115) of a motor vehicle.

Claim 99 (new).

The transmission according to Claim 97, wherein each of the two partial transmissions (1, 2; 101, 102) may be engaged and/or disengaged.

Claim 100 (new).

The transmission according to Claim 97, wherein a disengagement point, such as a startup clutch and/or a converter (Trilok converter), a friction disk arrangement, a hydraulic clutch, or a synchronization is provided on the output side.

Claim 101 (new).

The transmission according to Claim 97, wherein a disengagement point, such as a startup clutch and/or a converter (Trilok converter 20), a friction disk arrangement, a hydraulic clutch, or a synchronization (3) is provided on the drive side.

Claim 102 (new).

A transmission with at least two transmission elements revolving on different axes, said two transmission elements may transmit a torque frictionally via a coupling element, whereby said two transmission elements and said coupling element being braced against one another via a pressure device, wherein a clutch element (134) is provided, through which the two transmission elements

(104, 105) may alternately be disconnected from a third transmission element (115, 129) by opening a clutch element (134) or connected to the third transmission element (115, 129) by closing the clutch element (134) and which is closed by the pressure applied by the pressure device (108).

Claim 103 (new).

The transmission according to Claim 102, wherein the clutch element (134) comprises a cone clutch (156, 157).

Claim 104 (new).

The transmission according to Claim 102, having a reverse gear (202) provided behind the output (204) in series with the continuously variable transmission (201).

Claim 105 (new).

The transmission according to Claim 104, wherein the reverse gear comprises an epicyclic gear having at least one revolving gear mount (225, 226), which mounts at least one transmission element (215, 216) of the epicyclic gear and may be fixed alternately with a fixed mount (227, 232) and/or a revolving transmission element (209, 217; 212, 218).

Claim 106 (new).

The transmission according to Claim 104, wherein the reverse gear (202) comprises a planetary gear (210, 211) having planet wheels (215, 216), sun wheel (209, 212), and external wheel (217, 218), of which a first transmission element (209, 212) is mechanically connected to the output (207) of the conical friction ring transmission (201) and a second transmission element (217, 218) is mechanically connected to the output (220, 223) of the overall arrangement made of transmission (201) and reverse gear (202), while the third transmission element (215, 216) may be fixed in regard to at least one degree of freedom in relation to a mount or housing (227, 232).

Claim 107 (new).

The transmission according to Claim 106, wherein the third transmission element is the planet wheels.

Claim 108 (new).

The transmission according to Claim 106, wherein the first transmission element is driven by a pinion (207) which revolves with the output cone.

Claim 109 (new).

The transmission according to Claim 106, wherein second transmission element revolves connected to the revolving mount (219) of the differential (220).

Claim 110 (new).

The transmission according to Claim 106, wherein two of the transmission elements, preferably the first and second transmission elements, may be fixed with one another.

Claim 111 (new).

The transmission according to Claim 110, wherein a clutch (229), a slanted brake (227, 228), and/or a synchronization (230) is used for fixing.

Claim 112 (new).

The transmission according to Claim 102, wherein two continuously variable partial transmissions (306, 307) are provided, which are connected at an input and/or output element (309, 310) via a summation gear (308).

Claim 113 (new).

The transmission according to Claim 112, wherein the two continuously variable partial transmissions (306, 307) have a

shared transmission element (301) on the side facing away from the summation gear (308).

Claim 114 (new).

The transmission according to Claim 112, wherein the two continuously variable partial transmissions (306, 307) each have an input shaft axis (349) and an output shaft axis (348, 350), positioned essentially parallel thereto in a partial transmission plane, the partial transmission planes being positioned in parallel.

Claim 115 (new).

The transmission according to Claim 114, wherein the two partial transmission planes are identical.

Claim 116 (new).

The transmission according to Claim 112, wherein the two partial transmissions have a shared input shaft (301, 349) or a shared output shaft (309).

Claim 117 (new).

The transmission according to Claim 112, wherein a further adjustable partial transmission (321, 339, 340, 341), particularly a switching gear and/or a reverse gear, is provided between at

least one of the continuously variable partial transmissions (306, 307) and the summation gear (308).

Claim 118 (new).

The transmission according to Claim 112, wherein at least one of the continuously variable transmissions (306, 307) may be bypassed (321, 339).

Claim 119 (new).

The transmission according to Claim 112, wherein the summation gear (308) has at least one fixable transmission element (312, 320).

Claim 120 (new).

A transmission comprising two continuously variable partial transmissions each comprising at least two transmission elements revolving on different axes, said two transmission elements may transmit a torque frictionally via a coupling element, wherein said two partial transmission are connected to one each other at an input and/or output element (309, 310).

Claim 121 (new).

The transmission according to Claim 120, wherein said two partial transmissions are connected at said input and/or to said output element (309, 310) via a summation gear (308).

Claim 122 (new).

The transmission according to Claim 120, wherein said two transmission elements and said coupling element being braced against one another via a pressure device.

Claim 123 (new).

The transmission according to Claim 120, wherein the two continuously variable partial transmissions (306, 307) have a shared transmission element (301) on the side facing away from the summation gear (308).

Claim 124 (new).

The transmission according to Claim 120, wherein the two continuously variable partial transmissions (306, 307) each have an input shaft axis (349) and an output shaft axis (348, 350), positioned essentially parallel thereto in a partial transmission plane, the partial transmission planes being positioned in parallel.

Claim 125 (new).

The transmission according to Claim 120, wherein the two partial transmission planes are identical.

Claim 126 (new).

The transmission according to Claim 120, wherein the two partial transmissions have a shared input shaft (301, 349) or a shared output shaft (309).

Claim 127 (new).

The transmission according to Claim 120, wherein a further adjustable partial transmission (321, 339, 340, 341), particularly a switching gear and/or a reverse gear, is provided between at least one of the continuously variable partial transmissions (306, 307) and the summation gear (308).

Claim 128 (new).

The transmission according to Claim 120, wherein at least one of the continuously variable transmissions (306, 307) may be bypassed (321, 339).

Claim 129 (new).

The transmission according to Claim 120, wherein the summation gear (308) has at least one fixable transmission element (312, 320).